



Advances and Challenges in Power Systems with High Penetration of Renewable Energies

Guest Editors:

Dr. Luona Xu

The Faculty of Engineering and
Science, Aalborg University, 9220
Aalborg, Denmark

Dr. Yajuan Guan

AAU Energy, Aalborg University,
9220 Aalborg, Denmark

Dr. Yongjie Luo

School of Electrical Engineering,
Chongqing University, Chongqing
400044, China

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Message from the Guest Editors

Dear Colleagues,

With the development of distributed renewable energy generation and modern power electronics, there has been a profound revolution in operation and control technology of power systems. Distributed renewable energy generation and new loads such as electric vehicles introduce significant randomness and volatility into the power system, together with the characteristics of a fast fault response, nonlinear control, multi-physical field coupling, etc. This brings new challenges to the safe, stable and efficient operation of the power system. Therefore, this Special Issue intends to present new ideas and solutions in the field of operation, control and protection of power systems with high penetration of renewable energies.





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
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